

U.S. Department of Energy, P.O. Box 30307, M/S 010, Las Vegas, Nevada 89036-0307. Comments also can be submitted via electronic mail to: eisr@notes.ymmp.gov.

FOR FURTHER INFORMATION CONTACT:

Proposed Action: Ms. Wendy Dixon, EIS Project Manager, at the above address, or by calling (800)-881-7292.

Floodplain and Wetlands

Environmental Review Requirements: Ms. Carol Borgstrom, Office of NEPA Policy and Assistance (EH-42), U.S. Department of Energy, 1000 Independence Avenue, S.W., Washington, D.C. 20585, (202)-586-4600 or leave a message at (800) 472-2756.

SUPPLEMENTARY INFORMATION: In accordance with the Nuclear Waste Policy Act, as amended, DOE is studying Yucca Mountain in Nye County, Nevada, to determine its suitability for the deep geologic disposal of commercial and DOE spent nuclear fuel and high-level radioactive waste. In 1989, DOE published a Notice of Floodplain/Wetlands Involvement (54 FR 6318, February 9, 1989) for site characterization at Yucca Mountain, and in 1992 published a Floodplain Statement of Findings (57 FR 48363, October 23, 1992).

DOE is now preparing an EIS (DOE-EIS-0250) to assess the potential environmental impacts from the construction, operation and monitoring, and eventual closure of the proposed geologic repository. DOE issued a Notice of Intent to prepare the EIS on August 7, 1995 (60 FR 40164). As part of its proposal, DOE is considering shipping spent nuclear fuel and high-level radioactive waste in the State of Nevada over a rail line that would be constructed or over an existing highway route that may need upgrading to accommodate heavy-haul trucks. For the rail mode, DOE is evaluating five potential corridors (Figure 1). For the heavy-haul truck mode, DOE is evaluating three potential locations for an intermodal transfer station associated with five potential highway routes (Figure 2; an intermodal transfer station is a facility at which shipping casks containing spent nuclear fuel and high-level radioactive waste would be transferred from trains to trucks, and empty shipping casks would be transferred from trucks to trains). The rail corridors would be about 400 meters (0.25 mile) wide. The Carlin Corridor would be the longest at 520 kilometers (323 miles) followed by the Caliente (513 kilometers, 319 miles), Caliente-Chalk Mountain (345 kilometers, 214 miles), Jean (181 kilometers, 112 miles),

and Valley Modified (159 kilometers, 98 miles) corridors. The heavy-haul routes would utilize existing roads and rights-of-ways which typically would be less than 400 meters (0.25 miles) in width. The Caliente Route would be the longest at 533 kilometers (331 miles) followed by the Caliente-Las Vegas (377 kilometers, 234 miles), Caliente-Chalk Mountain (282 kilometers, 175 miles), Sloan/Jean (190 kilometers, 118 miles) and Apex/Dry Lake (183 kilometers, 114 miles) routes.

Portions of the transportation system in the immediate vicinity of the proposed repository are likely to be located within the 100-year floodplains of Midway Valley Wash, Drillhole Wash, Busted Butte Wash and/or Fortymile Wash (Figure 3). Fortymile Wash, a major wash that flows to the Amargosa River, drains the eastern side of Yucca Mountain. Midway Valley Wash, Drillhole Wash and Busted Butte Wash are tributaries to Fortymile Wash. Although water flow in Fortymile Wash and its tributaries is rare, the area is subject to flash flooding from thunderstorms and occasional sustained precipitation. There are no naturally occurring wetlands near the proposed repository facilities, although there are two man-made well ponds in Fortymile Wash that support riparian vegetation.

If the Proposed Action were implemented, DOE would use an existing road during construction of the repository that crosses the 100-year floodplain of Fortymile Wash (Figure 3). This road and other features of site characterization that involve floodplains have previously been examined by DOE and a Statement of Findings was issued in 1992 (57 FR 48363, October 23, 1992). It is uncertain at this time whether this existing road would require upgrading to accommodate the volume and type of construction vehicles.

In addition, transportation infrastructure would be constructed either in Midway Valley Wash, Drillhole Wash and Busted Butte Wash, or in Midway Valley Wash, Drillhole Wash and Fortymile Wash. The decision on which washes would be involved is dependent on future decisions regarding the mode of transport (rail or truck) which, in turn, would require the selection of one rail corridor or the selection of one site for an intermodal transfer station and its associated heavy-haul route. Structures that might be constructed in a floodplain could include one or more bridges to span the washes, one or more roads that could pass through the washes, or a combination of roads and culverts in the washes. No other aspect of repository-

related operation of nuclear or nonnuclear facilities would be located within 500-year or 100-year floodplains.

Outside of the immediate vicinity of the proposed repository, the five rail corridors, and the three sites for an intermodal transfer station and associated five heavy-haul routes, would cross perennial and ephemeral streams, and possibly wetlands. It is likely that a combination of bridges, roads and culverts, or other engineered features, would be needed to span or otherwise cross the washes and possible wetlands, although the location of such structures is uncertain at this time.

DOE will prepare an initial floodplain and wetlands assessment commensurate with the proposed decisions and available information. This assessment will be included in the Draft EIS that is scheduled to be issued for public comment later this summer. If, after a possible recommendation by the Secretary of Energy, the President considers the site qualified for an application to the U.S. Nuclear Regulatory Commission for a construction authorization, the President will submit a recommendation of the site to Congress. If the site designation becomes effective, the Secretary of Energy will submit to the Nuclear Regulatory Commission a License Application for a construction authorization. DOE would then probably select a rail corridor or a site for an intermodal transfer station among those considered in the EIS. Following such a decision, additional field surveys, environmental and engineering analyses, and National Environmental Policy Act reviews would likely be needed regarding a specific rail alignment for the selected corridor or the site for the intermodal transfer station and its associated heavy-haul truck route. When more specific information becomes available about activities proposed to take place within floodplains and wetlands, DOE will conduct further environmental review in accordance with 10 CFR Part 1022. Information that would be considered in a subsequent assessment includes, for example, the identification of 500-year and 100-year floodplains among feasible alignments of the selected rail corridor or the site of the intermodal transfer station and its associated heavy-haul route, identification of individual wetlands, and whether the floodplains and wetlands could be avoided. If the floodplains and wetlands could not be avoided, information on specific engineering designs and associated construction activities in the floodplains and wetlands also would be needed to permit a more detailed assessment and

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to ensure that DOE minimizes potential harm to or within any affected floodplains or wetlands.

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Wendy Dixon,

EIS Project Manager.

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comment period ending February 9, 2000. The Draft EIS provides information on potential environmental impacts that could result from a proposed action to construct, operate and monitor, and eventually close a repository for the disposal of spent nuclear fuel and high-level radioactive waste at Yucca Mountain in Nye County, Nevada.

The public is invited to submit written and oral comments at the 16 public hearings listed at the end of this notice.

DATES: DOE will consider all comments transmitted or postmarked by February 9, 2000. Comments submitted after this date will be considered to the extent practicable.

ADDRESSES: Written comments should be directed to: Ms. Wendy R. Dixon, EIS Project Manager, M/S 010, U.S. Department of Energy, Office of Civilian Radioactive Waste Management, Yucca Mountain Site Characterization Office, P.O. Box 30307, North Las Vegas, NV 89036-0307.

Written comments may be transmitted by facsimile to 1-800-967-0739 and should include the following identifier: "Yucca Mountain Draft EIS."

Written comments may be submitted over the Internet via the Yucca Mountain Project website at <http://www.ymmp.gov>, under the listing "Environmental Impact Statement."

FOR FURTHER INFORMATION CONTACT: Ms. Wendy R. Dixon, EIS Project Manager, M/S 010, U.S. Department of Energy, Office of Civilian Radioactive Waste Management, Yucca Mountain Site Characterization Office, P.O. Box 30307, North Las Vegas, NV 89036-0307, Telephone 1-800-967-3477, Facsimile 1-800-967-0739.

SUPPLEMENTARY INFORMATION: Copies of the Draft EIS have been provided to federal, state, tribal, and local government agencies and interested parties. In addition, the Draft EIS is available on the internet via the DOE National Environmental Policy Act (NEPA) website at <http://www.tis.eh.doe.gov/nepa> under the listing DOE NEPA Analyses, the Yucca Mountain Project website at <http://www.ymmp.gov> under the listing Environmental Impact Statement, and at 38 public reading rooms across the country. Copies of the Draft EIS may be requested by calling 1-800-967-3477.

A complete set of all hard copy references used in the preparation of the Draft EIS are available for review at four public reading rooms: University of Nevada—Las Vegas, Nevada; University of Nevada—Reno, Nevada; Yucca Mountain Science Center—Pahrump,

Nevada; and the DOE Headquarters Office in Washington, DC.

Noncopyrighted references are available in the Yucca Mountain Science Center in Beatty, Nevada, as well as on CD-ROMs in an additional 33 public reading rooms across the nation. Noncopyrighted references are also available on the Yucca Mountain Project website at <http://www.ymmp.gov>.

The public is invited to submit written and oral comments at the 16 public hearings listed at the end of this notice. The first hour of each hearing will include a brief overview presentation on the Draft EIS and a question and answer session. The remainder of the hearing will be an opportunity to provide comments for the record. To schedule a time to provide oral comments during the hearings, please call 1-800-967-3477. Persons wishing to provide oral comments who have not registered in advance may register at each hearing.

Public hearings will be held on the following dates at the following locations:

1. September 27, 1999, 11:00 am–2:00 pm, 6:00 pm–10:00 pm, Amargosa Valley Community Center, 821 East Farm Road, Amargosa Valley, Nevada 89020.
2. September 30, 1999, 11:00 am–2:00 pm, 6:00 pm–10:00 pm, Bob Ruud Community Center, 150 North Highway 160, Pahrump, Nevada 89048.
3. October 4, 1999, 10:00 am–1:00 pm, 6:00 pm–10:00 pm, Goldfield Community Center, 403 Crook Street, Goldfield, Nevada 89013.
4. October 5, 1999, 10:00 am–1:00 pm, 6:00 pm–10:00 pm, Boise Centre on the Grove, 850 West Front Street, Boise, Idaho 83702.
5. October 19, 1999, 10:00 am–1:00 pm, 4:00 pm–8:00 pm, Bristlecone Convention Center, 150 Sixth Street, Ely, Nevada 89301.
6. October 21, 1999, 12:00 pm–3:00 pm, 6:00 pm–10:00 pm, Georgia International Convention Center, 1902 Sullivan Road, College Park, Georgia 30337.
7. October 26, 1999, 11:00 am–2:00 pm, 6:00 pm–10:00 pm, Hall of States, 444 North Capitol Street, N.W., Washington, DC 20001.
8. November 4, 1999, 12:00 pm–3:00 pm, 7:00 pm–10:00 pm, Statham Hall, 138 North Jackson Street, Lone Pine, California 93545.
9. November 9, 1999, 12:00 pm–3:00 pm, 6:00 pm–10:00 pm, Caliente Youth Center, U.S. Highway 93 North, Caliente, Nevada 89008.
10. November 16, 1999, 11:00 am–2:00 pm, 6:00 pm–10:00 pm, Denver

DEPARTMENT OF ENERGY

Draft Environmental Impact Statement for a Geologic Repository for the Disposal of Spent Nuclear Fuel and High-Level Radioactive Waste at Yucca Mountain, Nye County, Nevada

AGENCY: Office of Civilian Radioactive Waste Management, Department of Energy.

ACTION: Notice of Public Hearings.

SUMMARY: On August 13, 1999, the U.S. Department of Energy (DOE) published a Notice of Availability (64 FR 44200) of its Draft Environmental Impact Statement (EIS) for a Geologic Repository for the Disposal of Spent Nuclear Fuel and High-Level Radioactive Waste at Yucca Mountain, Nye County, Nevada (DOE/EIS-0250-D) and announced a 180-day public